

Title (en)
PROCESS FOR PREPARING CONCENTRATED AQUEOUS SOLUTIONS OF QUATERNIZED PRODUCTS FROM TERTIARY AMINO ALKYL ESTERS OR AMIDES OF ACRYLIC OR METHACRYLIC ACIDS

Publication
EP 0113038 A3 19850626 (DE)

Application
EP 83111779 A 19831124

Priority
DE 3244274 A 19821130

Abstract (en)
[origin: US4520210A] Concentrated aqueous solutions of quaternization products of tertiary aminoalkyl esters or tertiary aminoalkylamides of acrylic or methacrylic acid are prepared by reaction of the corresponding esters or amides with an alkylating agent in a water-soluble ketone as solvent, by a process wherein, in order to isolate the quaternization product, an amount of water is added to the reaction mixture such that two phases form, and the lower aqueous phase, which contains the quaternization product in solution, is separated from the upper phase, which contains the ketone and residual alkylating agent.

IPC 1-7
C07C 93/193; **C08F 20/34**

IPC 8 full level
C07C 67/00 (2006.01); **C07C 213/00** (2006.01); **C07C 213/02** (2006.01); **C07C 219/08** (2006.01); **C07C 231/00** (2006.01); **C07C 231/12** (2006.01); **C07C 231/22** (2006.01); **C07C 231/24** (2006.01); **C07C 233/38** (2006.01); **C08F 20/00** (2006.01); **C08F 20/34** (2006.01); **C08F 20/52** (2006.01)

CPC (source: EP US)
C07C 213/08 (2013.01 - EP US); **C08F 20/34** (2013.01 - EP US)

Citation (search report)
[A] US 3948979 A 19760406 - PATTERSON KENDALL W

Cited by
EP0428970A1; US6706145B2

Designated contracting state (EPC)
BE DE FR GB NL

DOCDB simple family (publication)
DE 3244274 A1 19840530; DE 3366138 D1 19861016; EP 0113038 A2 19840711; EP 0113038 A3 19850626; EP 0113038 B1 19860910; JP S59110660 A 19840626; US 4520210 A 19850528

DOCDB simple family (application)
DE 3244274 A 19821130; DE 3366138 T 19831124; EP 83111779 A 19831124; JP 22228283 A 19831128; US 55640983 A 19831130